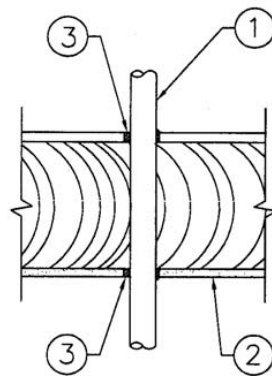
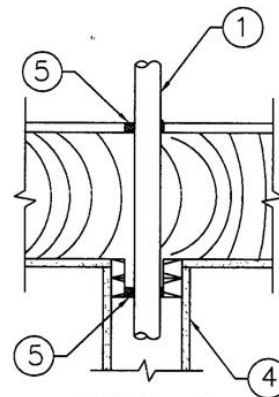


Grabber Construction Products, Inc.
Design No. JWA/PH 60-08
Horizontal Floor/Ceiling Assembly, Single Penetrations
GrabberGard IFC
Test Standards: ASTM E814, UL 1479
ULC S115-M11: Non-metallic Open and Closed Systems
Positive Pressure Differential – 50 Pa (0.20 in. of water) Minimum
Rating: 1 Hour

Penetrating Material & Size	Design Number	Max Hole Size	Annular Space	ASTM E814		ULC S115-M11		
				"F"	"T"	"F"	"FH"	"FT"
ccPVC, PVC or CPVC pipe up to 2 in.	A	3 in.	1/4 in. – 1/2 in.	1 hour	1 hour	1 hour	1 hour	1 hour
ccABS or ABS pipe up to 1-1/2 in.	A	3 in.	1/4 in. – 1/2 in.	1 hour	1 hour	1 hour	1 hour	1 hour
Nonmetallic Rigid Conduit up to 2 in.	A	3 in.	1/4 in. – 1/2 in.	1 hour	1 hour	1 hour	1 hour	1 hour
ccPVC, PVC or CPVC pipe up to 1-1/2 in.	B	3 in.	1/4 in. – 1/2 in.	1 hour	50 min	1 hour	1 hour	50 min
ccABS or ABS pipe up to 1-1/2 in.	B	3 in.	1/4 in. – 1/2 in.	1 hour	1 hour	1 hour	1 hour	1 hour
Nonmetallic Rigid Conduit up to 1-1/2 in.	B	3 in.	1/4 in. – 1/2 in.	1 hour	1 hour	1 hour	1 hour	50 min



DESIGN A



DESIGN B

- PENETRATING ITEM:** Main line to be centered in hole and branch line to be centered or offset in hole, see table above.
- FLOOR/CEILING ASSEMBLY:** 1 hour fire rated ASTM E119 or CAN/ULC S101 wood framed gypsum wallboard (GWB) floor/ceiling assemblies with or without concrete topping, having a min. depth of 10-3/4 in. (275mm).

DESIGN A

- FIRESTOP SYSTEM COMPONENT 1:** Grabber Construction Products, Inc. – GrabberGard IFC* fully filling the annular space to the full depth of both the floor and ceiling membranes. On 0 in. to 1/4 in. (6mm) annular space, a min. 1/2 in. (12mm) diameter bead of sealant must be placed around penetrating item.



DESIGN B

4. **WALL ASSEMBLY:** Rated or non-rated, metal or wood framed gypsum wallboard (GWB) wall assemblies.
5. **FIRESTOP SYSTEM COMPONENT 1:** Grabber Construction Products, Inc. – GrabberGard IFC* fully filling the annular space to the full depth of the floor membrane.

Fill header and sill plate contained in wall assembly to a min. 5/8 in. (16mm) depth. On 0 in. to 1/4 in. (6mm) annular space, a min. 1/2 in. (12mm) diameter bead of sealant must be placed around penetrating item.

*WH Labeled Component